

SATELLITE DATA MATTERS AFFECTING DEVELOPING COUNTRIES AND SMALL ISLAND STATES IN RA IV

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Area of the Presentation



Trinidad Parlance

- ▣ **Titivay:** To waste time.
- ▣ Prior to the Sixteenth Session of RA IV (Curacao, 2013) nothing was accomplished, by SIDSs and LDC within the Region.
- ▣ Action started after the first meeting of the RA III & IV Coordination Group on Satellite Data Requirements (Washington, 2015)

RA III & IV Coordination Group

Satellite Data Requirements

- ▣ After the first meeting of the Coordination Group, the Presidents of RA III & IV raised the matter of access to satellite post GOES-R launch at 17th WMO Congress ([WMO 1157](#)).
- ▣ The Coordination Group on SDR, developed a Roadmap for both Regions to access and/or acquire satellite data and/or imagery.
- ▣ Developed a Regional Training Plan to assist Members in the development of National Training Plans and to identify available training courses and materials.

Present Satellite Reception in RA IV

Country	System	Country	System
Antigua and Barbuda	Http	France (DOM/TOM)	GVAR
Bahamas	Http	Grenada	Http
Barbados	GVAR	Guatemala	Http
Belize	ftp/http, EMWIN	Haiti	Satellite imagery provided Météo-France via Intranet.
British Caribbean Territories	GVAR (1 country), EMWIN (4 countries)	Honduras	Http
Bermuda	GVAR	Jamaica	Http
Costa Rica	GVAR	Mexico	GVAR
Cuba	Http	Netherlands (Aruba)	Http
Curacao and Sint Maarten	GVAR, NOAAPort, EMWIN	Nicaragua	Http
Dominica	ftp/http, EMWIN	Panama	GVAR
Dominican Republic	Http	Saint Lucia	ftp/http
El Salvador	GNC-A GVAR, Http	Trinidad and Tobago	GVAR, EMWIN

Satellite Training

- ▣ **EC 68:** Endorsed the best practices to achieve user readiness for new-generation satellite systems, as described in the Reference User Readiness Project, as provided in http://www.wmo.int/pages/prog/sat/documents/SAT-GEN_ST-15-SATURN-Reference-User-Readiness-Project-March2016-Final.pdf.
- ▣ **EC 69:** Decided to adopt the proposed “Satellite Skills and Knowledge for Operational Meteorologists”, as part of the *Guide on Competency*, under development by the WMO Education and Training Programme.

Satellite Users Training (RA IV)

- ▣ At the Regional Training Centre (the Caribbean Institute for Meteorology and Hydrology, (CIMH, Barbados), satellite meteorology is taught at:
 - ▣ All levels of the BIP-MT;
 - ▣ The BIP-M;
 - ▣ Via VLabs (especially during the hurricane season);
 - ▣ Special Workshops on Satellite Meteorology.
 - ▣ Special programs for the Operational Forecasters in the online Continuous Professional Development Course.

Data Acquisition Strategies

- ▣ GOES ReBroadcast (GRB) Systems;
- ▣ Data as a Service;
- ▣ GEONETCast Americas;
- ▣ CLASS;
- ▣ PDA;
- ▣ HRIT/EMWIN
- ▣ Imagery through the Internet.

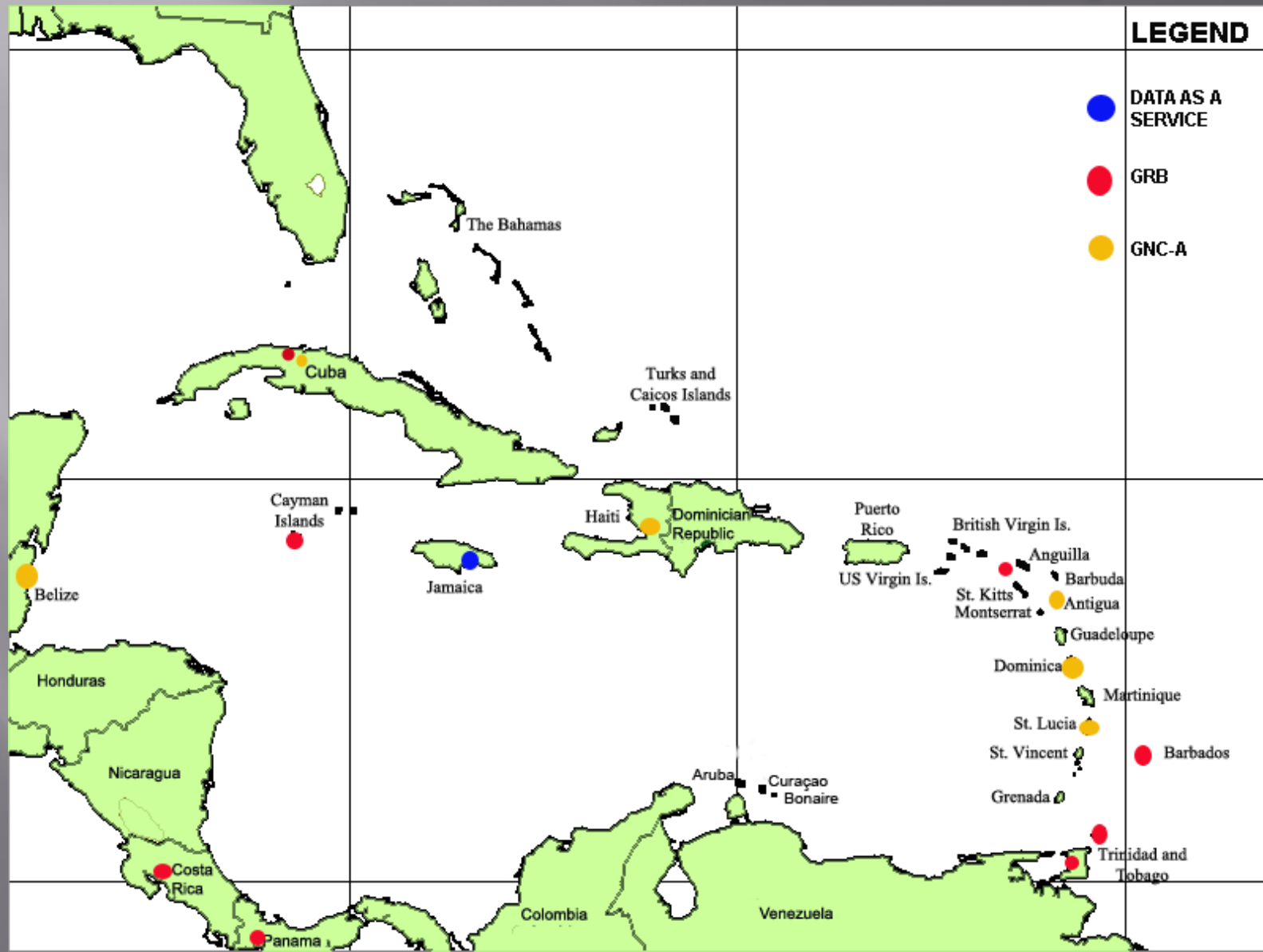
Data



Images



Future Satellite Data Reception



Lessons Learnt

- ▣ Have a Focus Group;
- ▣ Empower the Focus Group to do the **Ground Work** (anti-procrastination methodology);
- ▣ Develop the necessary training plans;
- ▣ Meteorological Services to act on the outputs of the Focus Group.

THANK YOU